

Title (en)

TARGETED SCALABLE VIDEO MULTICAST BASED ON CLIENT BANDWIDTH OR CAPABILITY

Title (de)

SKALIERBARE GEZIELTE VIDEOMEHRFACHSENDUNG AUF BASIS DER BANDBREITE ODER FÄHIGKEIT DES CLIENTS

Title (fr)

MULTI-DIFFUSION VIDEO ECHELONNABLE CIBLEE BASEE SUR LA LARGEUR DE BANDE OU LA CAPACITE CLIENT

Publication

EP 1472845 B1 20060607 (EN)

Application

EP 03700400 A 20030114

Priority

- IB 0300073 W 20030114
- US 5636802 A 20020117

Abstract (en)

[origin: US2003135863A1] A server or proxy server transmits streaming video data. An identification is made of either: an average or minimum available bandwidth of a link over which a data stream of a given video segment is to be transmitted or a capability of a recipient host to which the data stream is to be transmitted. A selection is made of either: a corresponding one of a plurality of predetermined ranges of bandwidths so that the selected range contains the identified average minimum available bandwidth; or a corresponding one of a plurality of different data stream types so that the identified capability of the recipient host is used to process data of the selected data stream type. The data stream is coded in a manner which takes advantage of the range of bandwidths or type of data stream that has been or is to be selected. The coded data stream is transmitted over the link to a recipient.

IPC 8 full level

H04L 29/06 (2006.01); **H04N 19/102** (2014.01); **H04N 19/136** (2014.01); **H04N 19/169** (2014.01); **H04N 19/187** (2014.01); **H04N 19/30** (2014.01); **H04N 21/2343** (2011.01); **H04N 21/258** (2011.01); **H04N 21/2662** (2011.01); **H04N 21/6405** (2011.01); **H04N 21/658** (2011.01)

CPC (source: EP KR US)

G06F 15/16 (2013.01 - KR); **H04L 65/1101** (2022.05 - US); **H04L 65/611** (2022.05 - EP US); **H04L 65/80** (2013.01 - EP US); **H04N 21/234327** (2013.01 - EP US); **H04N 21/25808** (2013.01 - EP US); **H04N 21/2662** (2013.01 - EP US); **H04N 21/63** (2013.01 - KR); **H04N 21/6405** (2013.01 - EP US); **H04N 21/6582** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

US 2003135863 A1 20030717; AT E329444 T1 20060615; AU 2003201700 A1 20030730; CN 1618226 A 20050518; CN 1618226 B 20101117; DE 60305880 D1 20060720; DE 60305880 T2 20070301; EP 1472845 A1 20041103; EP 1472845 B1 20060607; JP 2005515714 A 20050526; KR 20040069360 A 20040805; WO 03061240 A1 20030724

DOCDB simple family (application)

US 5636802 A 20020117; AT 03700400 T 20030114; AU 2003201700 A 20030114; CN 03802360 A 20030114; DE 60305880 T 20030114; EP 03700400 A 20030114; IB 0300073 W 20030114; JP 2003561203 A 20030114; KR 20047011095 A 20030114